ASTRA MINIMUM HARDWARE REQUIREMENTS

ASTRA was designed from the start to be lightweight and efficient, requiring modest hardware and offering high video feed density for each server. Here is what you'll need to ensure optimum performance from your ASTRA anomaly detection solution.

HARDWARE	50 STREAMS	100 STREAMS	250 STREAMS
PROCESSOR	INTEL I9 or XEON SILVER 8 CORE	INTEL XEON SILVER - 8 CORES OR BETTER	(2) INTEL XEON SILVER - 12 CORES OR BETTER
RAM	32GB DDR4	64GB DDR4	128GB DDR4
GPU	NVIDIA TESLA T4	(2) NVIDIA TESLA T4 or (1) NVIDIA RTX A6000	(4) NVIDIA TESLA T4 or (2) NVIDIA RTX A6000
STORAGE CAPACITY	4TB	6TB	8TB
OS SSD CAPACITY	500GB OR LARGER	500GB OR LARGER	500GB OR LARGER
NETWORK CARD	1GB	1GB	1GB

Systems are hosted on Ubuntu 20.4 Server and Specifications are based on the minimum required camera resolution of 720p at 12 FPS, and an average bitrate of 2.5Mbps or less. 24/7 recording is recommended but not required.

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